

AMENDMENTS TO CLAIMS

Claims 1-20 (canceled)

21. (currently amended) An unmanned airborne reconnaissance vehicle having:
- a fuselage with a tail assembly;
- wings defining a biplane wing configuration having two wing pairs, said wings adapted to be removed from the fuselage;
- power plant to propel the vehicle through the air;
- ~~means to disconnect the wings from the fuselage~~;
- remote control means for remotely controlling at least the flight path of the vehicle, the
- remote control means including a remote display;
- onboard infrared camera; and
- means to transmit images received from onboard infrared camera to the remote display.
22. (previously added) The vehicle of Claim 21 wherein the wings are comprised of one or more of the following materials: fiberglass, carbon fiber, Kevlar® or polyurethane.
23. (previously added) The vehicle of Claim 21 further comprising an emergency parachute recovery system.
24. (previously added) The vehicle of Claim 22 wherein the two wing pairs of the biplane are positively staggered.
25. (previously added) The vehicle of Claim 21 further comprising navigator means capable of being preprogrammed with one or more flight plans.
26. (previously added) The vehicle of Claim 21 further including sensing means, onboard said vehicle, for sensing vehicle data and vehicle position, said means including means to transmit said vehicle data and vehicle position to a remote display.
27. (previously added) The vehicle of Claim 21 wherein the power plant includes a generator.

28. (previously added) The vehicle of Claim 21 further including means to display, on the remote display vehicle data including engine data and vehicle attitude data, GPS data and imagery data from the infrared camera.
29. (previously added) The vehicle of Claim 21 including a gimbal to mount the onboard infrared camera to the fuselage.
30. (previously added) The vehicle of Claim 23 further including a gimbal to mount the onboard infrared camera to the fuselage.